

PDF - Diplex Filter (Plug-In/Fixed)

Diplex filters are three port devices with a common port, a lowband port and a highband port. They are used to combine or isolate two different bands of frequencies. Models are available in a wide variety of crossover frequencies. These filters are used to accelerate DOCSIS 3.1 amplifier development.

Specifications:

Model Number	Lowpass Passband (MHz)	Highpass Passband (MHz)
PDF - 42/54	0 - 42	54-1000
PDF - 85/105	0 - 85	105-1000
PDF - 85/104	0 - 85	104-1000

Not limited to these options

Insertion Loss: -1.0 dB

Temperature Range: -40° F to +140° F

Isolation: -40 dB min

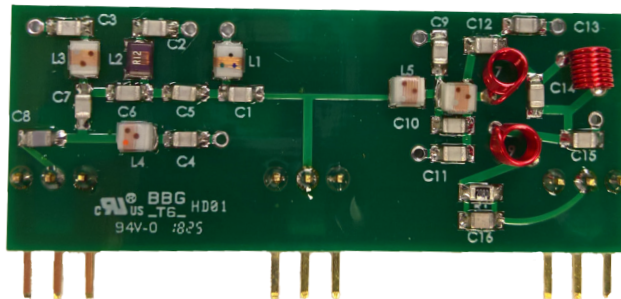
Features:

- Pluggable or fixed board options
- Various pin layout
- Low Insertion loss

Amplifiers:

BLE100	870/1G
BLI100	870/1G

Not limited to these amplifiers



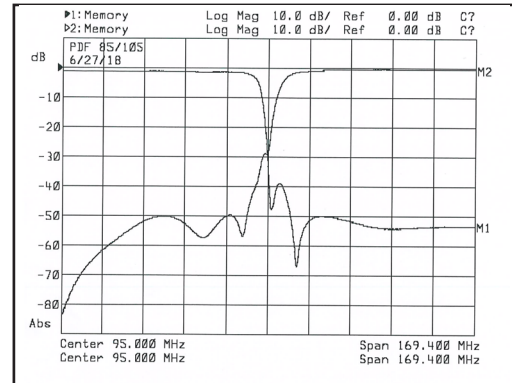
Description:

High performance vertical plug in or fixed board diplex filters designed for CATV amplifiers. These filters help with upgrading amplifier splits.

Custom Diplex Cross Overs Available Per Request

Eagle Comtronics Inc. is a leading manufacturer of RF products. We offer many products as well as quick response on custom request. For more information email our sales staff :

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Specifications subject to change without notice.